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1950-51 summary

STATE DOCUMENTS

MONTANA

EXPANDED LOADOMETER SURVEY

SUMMARIES OF AVERAGE WEIGHTS

August and November 1950 - May 1951

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STATE OF MONTANA
STATE HIGHWAY COMMISSION
HIGHWAY PLANNING SURVEY

In cooperation with
U.S. DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS

March 1952

MONTANA EXPANDED LOADOMETER SURVEY August and November 1950 - May 1951

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WC-4

State ~~Montana~~ Sta. No. Butte 1
Year ~~1950-51~~ Direction ~~Combined~~
Season ~~Summary~~ 8-hr. period ~~6 AM-2 PM~~
3 Seasons

Number of Vehicles Counted, Percentage and Number Loaded, Percentage and Number Empty, Average Loaded Weight and Average Empty Weight of Trucks and Truck Combinations

Vehicle type	Number of vehicles counted	Percentage loaded	Estimated number loaded	Average loaded weight	Percentage empty	Estimated number empty	Average empty weight
Single-unit trucks							
Panels and pick-ups	400	43.48	174	5390	56.52	226	4051
Other 2-axle, 4-tired	39	64.71	25	6264	35.29	14	5750
Other 2-axle, 6-tired	273	67.34	184	16543	32.66	89	9385
3-axle	17	57.14	10	31400	42.86	7	15333
Subtotal	729	53.91	393	11329	46.09	336	5770
Tr-Tk semi-trailers							
3-axle	24	54.17	13	28808	45.83	11	16818
4-axle	21	57.14	12	41558	42.86	9	22200
5-axle or more	43	85.37	37	57251	14.63	6	33200
Subtotal	88	70.45	62	48250	29.55	26	22461
Tk-Trailer combinations							
4-axle or less	9	88.89	8	33925	11.11	1	18800
5-axle	17	90.00	15	69067	10.00	2	30600
6-axle or more	15	80.00	12	61833	20.00	3	31467
Subtotal	41	85.37	35	58554	14.63	6	29067
All combinations	129	75.19	97	51968	24.81	32	23700
All trucks and combs.	858	57.11	490	19374	42.89	368	7329

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WC-4

Butte

State ~~Montana~~ Sta. No. ~~1~~
Year ~~1950-51~~ Direction ~~Combined~~
Season ~~Summary~~ 8-hr. period ~~2PM-10PM~~
3 Seasons

Number of Vehicles Counted, Percentage and Number Loaded, Percentage and Number Empty, Average Loaded Weight and Average Empty Weight of Trucks and Truck Combinations

Vehicle type	Number of vehicles counted	Percentage loaded	Estimated number loaded	Average loaded weight	Percentage empty	Estimated number empty	Average empty weight
Single-unit trucks							
Panels and pick-ups	424	38.46	163	5214	61.54	261	4105
Other 2-axle, 4-tired	36	20.00	7	6650	80.00	29	5450
Other 2-axle, 6-tired	212	51.39	109	14092	48.61	103	8524
3-axle	24	68.42	16	31292	31.58	8	21050
Subtotal	696	42.39	295	9943	57.61	401	5675
Tr-Tk semi-trailers							
3-axle	23	61.11	14	25400	38.89	9	16643
4-axle	11	54.55	6	35600	45.45	5	23480
5-axle or more	51	62.75	32	52916	37.25	19	30800
Subtotal	85	61.18	52	43510	38.82	33	25830
Tk-Trailer combinations							
4-axle or less	4	50.00	2	25300	50.00	2	26500
5-axle	10	28.57	3	65050	71.43	7	30260
6-axle or more	8	87.50	7	60243	12.50	1	31100
Subtotal	22	54.55	12	55621	45.45	10	29592
All combinations	107	59.81	64	45781	40.19	43	26705
All trucks and combs.	803	44.71	359	16332	55.29	444	7712

WC-4

State ~~Montana~~ Butte Sta. No. ~~1~~
Year ~~1950-51~~ Direction ~~Combined~~
Season ~~Summary~~ 3 Seasons 8-hr. period ~~10PM-6AM~~

Number of Vehicles Counted, Percentage and Number Loaded, Percentage and Number Empty, Average Loaded Weight and Average Empty Weight of Trucks and Truck Combinations

Vehicle type	Number of vehicles counted	Percentage loaded	Estimated number loaded	Average loaded weight	Percentage empty	Estimated number empty	Average empty weight
Single-unit trucks							
Panels and pick-ups	49	6.67	3	3600	93.33	46	3836
Other 2-axle, 4-tired	4	0.00			100.00	4	13200
Other 2-axle, 6-tired	22	52.38	12	13082	47.62	10	7740
3-axle	6	83.33	5	24800	16.67	1	16900
Subtotal	81	24.69	20	14589	75.31	61	5304
Tr-Tk semi-trailers							
3-axle	15	84.62	13	29545	15.38	2	22650
4-axle	12	83.33	10	46110	16.67	2	21250
5-axle or more	26	88.46	23	56152	11.54	3	29933
Subtotal	53	86.79	46	46450	13.21	7	25371
Tk-Trailer combinations							
4-axle or less	1	100.00	1	17900	0.00		
5-axle	10	40.00	4	74425	60.00	6	29300
6-axle or more	11	81.82	9	54167	18.18	2	37250
Subtotal	22	63.64	14	57365	36.36	8	31288
All combinations	75	80.00	60	48997	20.00	15	28527
All trucks and combs.	156	51.28	80	40395	48.72	76	9888

WC-4

State Montana Sta. No. Butte 1
Year 1950-51 Direction Combined
Season Summary 8-hr. period 6AM-6AM
3 Seasons 24 Hours

Number of Vehicles Counted, Percentage and Number Loaded, Percentage and Number Empty, Average Loaded Weight and Average Empty Weight of Trucks and Truck Combinations

Vehicle type	Number of vehicles counted	Percentage loaded	Estimated number loaded	Average loaded weight	Percentage empty	Estimated number empty	Average empty weight
Single-unit trucks							
Panels and pick-ups	873	37.71	329	5270	62.29	544	4051
Other 2-axle, 4-tired	79	46.43	37	6323	53.57	42	6087
Other 2-axle, 6-tired	507	60.16	305	15541	39.84	202	8856
3-axle	47	66.67	31	30077	33.33	16	18092
Subtotal	1506	46.61	702	10883	53.39	804	5644
Tr-Tk semi-trailers							
3-axle	62	63.64	39	27969	36.36	23	17340
4-axle	44	63.64	28	41907	36.36	16	22481
5-axle or more	120	76.27	92	55429	23.73	28	31221
Subtotal	226	70.35	159	46312	29.65	67	24369
Tk-Trailer combinations							
4-axle or less	14	78.57	11	30900	21.43	3	23933
5-axle	37	55.56	21	69960	44.44	16	29808
6-axle or more	34	82.35	28	58971	17.65	6	33333
Subtotal	85	70.59	60	57671	29.41	25	29949
All combinations	311	70.42	219	49424	29.58	92	25885
All trucks and combs.	1817	50.69	921	20047	49.31	896	7722

WC-4

Rockvale
State ~~Montana~~ Sta. No. ~~2~~
Year ~~1950-51~~ Direction ~~Combined~~
Season ~~Summary~~ 8-hr. period ~~6AM-2PM~~
3 Seasons

Number of Vehicles Counted, Percentage and Number Loaded, Percentage and Number Empty, Average Loaded Weight and Average Empty Weight of Trucks and Truck Combinations

Vehicle type	Number of vehicles counted	Percentage loaded	Estimated number loaded	Average loaded weight	Percentage empty	Estimated number empty	Average empty weight
Single-unit trucks							
Panels and pick-ups	264	58.49	154	5171	41.51	110	3907
Other 2-axle, 4-tired	27	76.47	21	7662	23.53	6	6650
Other 2-axle, 6-tired	329	61.25	202	13079	38.75	127	7168
3-axle	6	83.33	5	30840	16.67	1	10900
Subtotal	626	61.02	382	9826	38.98	244	5700
Tr-Tk semi-trailers							
3-axle	33	57.58	19	36179	42.42	14	17136
4-axle	24	61.11	15	45700	38.89	9	31214
5-axle or more	30	64.29	19	49728	35.71	11	32500
Subtotal	87	60.92	53	43731	39.08	34	25833
Tk-Trailer combinations							
4-axle or less	5	60.00	3	46167	40.00	2	22700
5-axle	10	60.00	6	73133	40.00	4	31800
6-axle or more							
Subtotal	15	60.00	9	64144	40.00	6	28767
All combinations	102	60.78	62	46694	39.22	40	26273
All trucks and combs.	728	60.99	444	14974	39.01	284	8598

WC-4

State ~~Montana~~ Rockvale Sta. No. ~~2~~
Year ~~1950-51~~ Direction ~~Combined~~
Season ~~Summary~~ 8-hr. period ~~2PM-10PM~~

3 Seasons

Number of Vehicles Counted, Percentage and Number Loaded, Percentage and Number Empty, Average Loaded Weight and Average Empty Weight of Trucks and Truck Combinations

Vehicle type	Number of vehicles counted	Percentage loaded	Estimated number loaded	Average loaded weight	Percentage empty	Estimated number empty	Average empty weight
Single-unit trucks							
Panels and pick-ups	192	36.62	70	4765	63.38	122	4058
Other 2-axle, 4-tired	17	33.33	6	7833	66.67	11	4867
Other 2-axle, 6-tired	166	53.72	89	12594	46.28	77	7768
3-axle	4	50.00	2	30600	50.00	2	14800
Subtotal	379	44.06	167	9357	55.94	212	5549
Tr-Tk semi-trailers							
3-axle	44	65.91	29	29931	34.09	15	16440
4-axle	20	60.00	12	42917	40.00	8	24638
5-axle or more	14	35.71	5	50860	64.29	9	35411
Subtotal	78	58.97	46	35594	41.03	32	23825
Tk-Trailer combinations							
4-axle or less	13	53.85	7	50629	46.15	6	24050
5-axle	14	42.86	6	68800	57.14	8	31713
6-axle or more							
Subtotal	27	48.15	13	59016	51.85	14	28429
All combinations	105	56.19	59	40754	43.81	46	25226
All trucks and combs.	484	46.69	226	17554	53.31	258	9057

WC-4

State ~~Montana~~ Rockvale Sta. No. ~~2~~
Year ~~1950-51~~ Direction ~~Combined~~
Season ~~Summary~~ 3 Seasons 8-hr. period ~~6AM-10PM~~ 16 Hours

Number of Vehicles Counted, Percentage and Number Loaded, Percentage and Number Empty, Average Loaded Weight and Average Empty Weight of Trucks and Truck Combinations

Vehicle type	Number of vehicles counted	Percentage loaded	Estimated number loaded	Average loaded weight	Percentage empty	Estimated number empty	Average empty weight
Single-unit trucks							
Panels and pick-ups	456	49.72	227	5051	50.28	229	3983
Other 2-axle, 4-tired	44	61.54	27	7694	38.46	17	5580
Other 2-axle, 6-tired	495	59.02	292	12948	40.98	203	7368
3-axle	10	70.00	7	30771	30.00	3	13500
Subtotal	1005	55.02	553	9675	44.98	452	5626
Tr-Tk semi-trailers							
3-axle	77	62.34	48	32404	37.66	29	16776
4-axle	44	60.53	27	44248	39.47	17	27707
5-axle or more	44	54.76	24	49974	45.24	20	33879
Subtotal	165	60.00	99	39894	40.00	66	24774
Tk-Trailer combinations							
4-axle or less	18	55.56	10	49290	44.44	8	23713
5-axle	24	50.00	12	70967	50.00	12	31742
6-axle or more							
Subtotal	42	52.38	22	61114	47.62	20	28530
All combinations	207	58.45	121	43752	41.55	86	25647
All trucks and combs.	1212	55.61	674	15793	44.39	538	8826

WC-4

Laurel

State ~~Montana~~ Sta. No. ~~3~~
Year ~~1950-51~~ Direction ~~Combined~~
Season ~~Summary~~ 8-hr. period ~~6AM-2PM~~
3 Seasons

Number of Vehicles Counted, Percentage and Number Loaded, Percentage and Number Empty, Average Loaded Weight and Average Empty Weight of Trucks and Truck Combinations

Vehicle type	Number of vehicles counted	Percentage loaded	Estimated number loaded	Average loaded weight	Percentage empty	Estimated number empty	Average empty weight
Single-unit trucks							
Panels and pick-ups	283	50.98	144	5427	49.02	139	3968
Other 2-axle, 4-tired	58	41.18	24	6457	58.82	34	5040
Other 2-axle, 6-tired	224	68.03	152	13372	31.97	72	7468
3-axle	12	71.43	9	29240	28.57	3	15450
Subtotal	577	57.02	329	9824	42.98	248	5270
Tr-Tk semi-trailers							
3-axle	26	66.67	17	31456	33.33	9	15763
4-axle	23	75.00	17	42292	25.00	6	26300
5-axle or more	28	75.00	21	60310	25.00	7	34486
Subtotal	77	71.43	55	45822	28.57	22	24594
Tk-Trailer combinations							
4-axle or less	15	100.00	15	39344	0.00		
5-axle	14	30.00	4	72766	70.00	10	31986
6-axle or more	14	92.86	13	60831	7.14	1	34800
Subtotal	43	74.42	32	52251	25.58	11	32242
All combinations	120	72.50	87	48187	27.50	33	27143
All trucks and combs.	697	59.68	416	17847	40.32	281	7839

WC-4

Laurel

State ~~Montana~~ Sta. No. ~~3~~
Year ~~1950-51~~ Direction ~~Combined~~
Season ~~Summary~~ 8-hr. period ~~2PM-10PM~~
3 Seasons

Number of Vehicles Counted, Percentage and Number Loaded, Percentage and Number Empty, Average Loaded Weight and Average Empty Weight of Trucks and Truck Combinations

Vehicle type	Number of vehicles counted	Percentage loaded	Estimated number loaded	Average loaded weight	Percentage empty	Estimated number empty	Average empty weight
Single-unit trucks							
Panels and pick-ups	220	46.30	102	5168	53.70	118	4255
Other 2-axle, 4-tired	24	80.00	19	7350	20.00	5	6100
Other 2-axle, 6-tired	220	66.94	147	14180	33.06	73	7885
3-axle	3	100.00	3	17833	0.00		
Subtotal	467	58.03	271	10350	41.97	196	5654
Tr-Tk semi-trailers							
3-axle	31	70.97	22	31736	29.03	9	17778
4-axle	26	76.92	20	43785	23.08	6	23350
5-axle or more	36	72.22	26	59208	27.78	10	33240
Subtotal	93	73.12	68	45784	26.88	25	25300
Tk-Trailer combinations							
4-axle or less	18	45.45	8	56220	54.55	10	18067
5-axle	35	38.10	13	72525	61.90	22	31908
6-axle or more	14	85.71	12	56475	14.29	2	36450
Subtotal	67	49.25	33	62736	50.75	34	28104
All combinations	160	63.13	101	51323	36.87	59	26916
All trucks and combs.	627	59.33	372	21474	40.67	255	10573

WC-4

State ~~Montana~~ Laurel Sta. No. ~~3~~
Year ~~1950-51~~ Direction ~~Combined~~
Season ~~Summary~~ 3 Seasons 8-hr. period ~~6AM-10PM~~ 16 Hours

Number of Vehicles Counted, Percentage and Number Loaded, Percentage and Number Empty, Average Loaded Weight and Average Empty Weight of Trucks and Truck Combinations

Vehicle type	Number of vehicles counted	Percentage loaded	Estimated number loaded	Average loaded weight	Percentage empty	Estimated number empty	Average empty weight
Single-unit trucks							
Panels and pick-ups	503	48.57	244	5300	51.43	259	4122
Other 2-axle, 4-tired	82	50.00	41	6782	50.00	41	5136
Other 2-axle, 6-tired	444	67.53	300	13738	32.47	144	7663
3-axle	15	80.00	12	24963	20.00	3	15450
Subtotal	1044	57.18	597	10037	42.82	447	5432
Tr-Tk semi-trailers							
3-axle	57	69.09	39	31618	30.91	18	16829
4-axle	49	76.19	37	43225	23.81	12	24530
5-axle or more	64	73.44	47	59700	26.56	17	33753
Subtotal	170	72.35	123	45840	27.65	47	24917
Tk-Trailer combinations							
4-axle or less	33	70.00	23	45371	30.00	10	18067
5-axle	49	35.48	17	72591	64.52	32	31935
6-axle or more	28	89.29	25	58740	10.71	3	35900
Subtotal	110	59.09	65	57632	40.91	45	29118
All combinations	280	67.14	188	49917	32.86	92	26971
All trucks and combs.	1324	59.29	785	19588	40.71	539	9108

WC-4

State ~~Montana~~ Sta. No. Miles City 4
Year ~~1950-51~~ Direction ~~Combined~~
Season ~~Summary~~ 8-hr. period ~~6AM-2PM~~
3 Seasons

Number of Vehicles Counted, Percentage and Number Loaded, Percentage and Number Empty, Average Loaded Weight and Average Empty Weight of Trucks and Truck Combinations

Vehicle type	Number of vehicles counted	Percentage loaded	Estimated number loaded	Average loaded weight	Percentage empty	Estimated number empty	Average empty weight
Single-unit trucks							
Panels and pick-ups	217	37.50	81	5174	62.50	136	4204
Other 2-axle, 4-tired	20	61.54	12	7575	38.46	8	5000
Other 2-axle, 6-tired	177	68.42	121	13896	31.58	56	8417
3-axle							
Subtotal	414	51.69	214	10240	48.31	200	5415
Tr-Tk semi-trailers							
3-axle	35	38.46	13	30200	61.54	22	17519
4-axle	35	52.94	19	47878	47.06	16	22781
5-axle or more	17	58.82	10	51950	41.18	7	35457
Subtotal	87	48.28	42	43376	51.72	45	22180
Tk-Trailer combinations							
4-axle or less	30	43.33	13	58238	56.67	17	25606
5-axle	18	50.00	9	73267	50.00	9	30244
6-axle or more	18	72.22	13	62646	27.78	5	37420
Subtotal	66	53.03	35	63740	46.97	31	28858
All combinations	153	50.33	77	52632	49.67	76	24904
All trucks and combs.	567	51.32	291	21457	48.68	276	10782

WC-4

Miles City

State Montana Sta. No. 4
Year 1950-51 Direction Combined
Season Summary 8-hr. period 2PM-10PM
3 Seasons

Number of Vehicles Counted, Percentage and Number Loaded, Percentage and Number Empty, Average Loaded Weight and Average Empty Weight of Trucks and Truck Combinations

Vehicle type	Number of vehicles counted	Percentage loaded	Estimated number loaded	Average loaded weight	Percentage empty	Estimated number empty	Average empty weight
Single-unit trucks							
Panels and pick-ups	214	54.24	116	5025	45.76	98	4193
Other 2-axle, 4-tired	22	57.14	13	7250	42.86	9	5933
Other 2-axle, 6-tired	145	66.34	96	13178	33.66	49	8865
3-axle	16	27.27	4	19433	72.73	12	15200
Subtotal	397	57.68	229	8821	42.32	168	6435
Tr-Tk semi-trailers							
3-axle	32	56.52	18	29262	43.48	14	17550
4-axle	37	68.57	25	47629	31.43	12	23936
5-axle or more	11	50.00	6	63275	50.00	5	31350
Subtotal	80	61.25	49	42798	38.75	31	22248
Tk-Trailer combinations							
4-axle or less	34	39.39	13	42985	60.61	21	24475
5-axle	13	7.69	1	74400	92.31	12	30100
6-axle or more	15	66.67	10	59860	33.33	5	34780
Subtotal	62	38.71	24	51325	61.29	38	27607
All combinations	142	51.41	73	45601	48.59	69	25199
All trucks and combs.	539	56.03	302	17712	43.97	237	11898

WC-4

Miles City

State Montana Sta. No. 4
Year 1950-51 Direction Combined
Season Summary 8-hr. period 6AM-10PM
3 Seasons 16 Hours

Number of Vehicles Counted, Percentage and Number Loaded, Percentage and Number Empty, Average Loaded Weight and Average Empty Weight of Trucks and Truck Combinations

Vehicle type	Number of vehicles counted	Percentage loaded	Estimated number loaded	Average loaded weight	Percentage empty	Estimated number empty	Average empty weight
Single-unit trucks							
Panels and pick-ups	431	45.04	194	5093	54.96	237	4200
Other 2-axle, 4-tired	42	60.00	25	7467	40.00	17	5350
Other 2-axle, 6-tired	322	67.44	217	13564	32.56	105	8634
3-axle	16	27.27	4	19433	72.73	12	15200
Subtotal	811	54.25	440	9536	45.75	371	5863
Tr-Tk semi-trailers							
3-axle	67	46.94	31	29670	53.06	36	17531
4-axle	72	60.87	44	47736	39.13	28	23252
5-axle or more	28	56.00	16	55186	44.00	12	33964
Subtotal	167	54.49	91	42892	45.51	76	22233
Tk-Trailer combinations							
4-axle or less	64	41.27	26	50612	58.73	38	24995
5-axle	31	32.26	10	73380	67.74	21	30162
6-axle or more	33	69.70	23	61435	30.30	10	36100
Subtotal	128	46.09	59	58690	53.91	69	28177
All combinations	295	50.85	150	49106	49.15	145	25062
All trucks and combs.	1106	53.35	590	19596	46.65	516	11258

WC-4

Culbertson

State Montana Sta. No. 5
Year 1950-51 Direction Combined
Season Summary 8-hr. period 6AM-2PM
3 Seasons

Number of Vehicles Counted, Percentage and Number Loaded, Percentage and Number Empty, Average Loaded Weight and Average Empty Weight of Trucks and Truck Combinations

Vehicle type	Number of vehicles counted	Percentage loaded	Estimated number loaded	Average loaded weight	Percentage empty	Estimated number empty	Average empty weight
Single-unit trucks							
Panels and pick-ups	142	50.72	72	5157	49.28	70	4047
Other 2-axle, 4-tired	2	100.00	2	5300	0.00		
Other 2-axle, 6-tired	206	59.66	123	14680	40.34	83	7865
3-axle	2	100.00	2	29500	0.00		
Subtotal	352	56.53	199	11289	43.47	153	6118
Tr-Tk semi-trailers							
3-axle	12	72.73	9	27338	27.27	3	16567
4-axle	9	77.78	7	45643	22.22	2	23400
5-axle or more	2	100.00	2	43500	0.00		
Subtotal	23	78.26	18	36252	21.74	5	19300
Tk-Trailer combinations							
4-axle or less	6	100.00	6	40100	0.00		
5-axle							
6-axle or more							
Subtotal	6	100.00	6	40100	0.00		
All combinations	29	82.76	24	37214	17.24	5	19300
All trucks and combs.	381	58.53	223	14079	41.47	158	6535

WC-4

Culbertson

State Montana Sta. No. 5
Year 1950-51 Direction Combined
Season Summary 8-hr. period 2PM-10PM
3 Seasons

Number of Vehicles Counted, Percentage and Number Loaded, Percentage and Number Empty, Average Loaded Weight and Average Empty Weight of Trucks and Truck Combinations.

Vehicle type	Number of vehicles counted	Percentage loaded	Estimated number loaded	Average loaded weight	Percentage empty	Estimated number empty	Average empty weight
Single-unit trucks							
Panels and pick-ups	118	36.36	43	5256	63.64	75	4061
Other 2-axle, 4-tired	6	50.00	3	5433	50.00	3	4233
Other 2-axle, 6-tired	160	61.21	98	14077	38.79	62	8033
3-axle	4	33.33	1	19100	66.67	3	11800
Subtotal	288	50.35	145	11317	49.65	143	5949
Tr-Tk semi-trailers							
3-axle	14	50.00	7	34400	50.00	7	16983
4-axle	9	33.33	3	48733	66.67	6	20800
5-axle or more	8	71.43	6	53680	28.57	2	32250
Subtotal	31	51.61	16	44317	48.39	15	20545
Tk-Trailer combinations							
4-axle or less	2	0.00			100.00	2	25550
5-axle	3	33.33	1	71600	66.67	2	30950
6-axle or more							
Subtotal	5	20.00	1	71600	80.00	4	28250
All combinations	36	47.22	17	45922	52.78	19	22167
All trucks and combs.	324	50.00	162	14948	50.00	162	7851

WC-4

Culbertson

State Montana Sta. No. 5
Year 1950-51 Direction Combined
Season Summary 8-hr. period 6AM-10PM
3 Seasons 16 Hours

Number of Vehicles Counted, Percentage and Number Loaded, Percentage and Number Empty, Average Loaded Weight and Average Empty Weight of Trucks and Truck Combinations

Vehicle type	Number of vehicles counted	Percentage loaded	Estimated number loaded	Average loaded weight	Percentage empty	Estimated number empty	Average empty weight
Single-unit trucks							
Panels and pick-ups	260	45.13	117	5188	54.87	143	4053
Other 2-axle, 4-tired	8	62.50	5	5380	37.50	3	4233
Other 2-axle, 6-tired	366	60.43	221	14379	39.57	145	7946
3-axle	6	60.00	4	26033	40.00	2	11800
Subtotal	640	54.22	347	11285	45.78	293	6034
Tr-Tk semi-trailers							
3-axle	26	60.87	16	30364	39.13	10	16844
4-axle	18	55.56	10	46570	44.44	8	21450
5-axle or more	10	77.78	8	50771	22.22	2	32250
Subtotal	54	62.96	34	39932	37.04	20	20227
Tk-Trailer combinations							
4-axle or less	8	50.00	4	40100	50.00	4	25550
5-axle	3	33.33	1	71600	66.67	2	30950
6-axle or more							
Subtotal	11	45.45	5	46400	54.55	6	27350
All combinations	65	60.00	39	40761	40.00	26	21871
All trucks and combs.	705	54.75	386	14263	45.25	319	7325

WC-4

Glasgow

State Montana Sta. No. 6
Year 1950-51 Direction Combined
Season Summary 8-hr. period 6AM-2PM
3 Seasons

Number of Vehicles Counted, Percentage and Number Loaded, Percentage and Number Empty, Average Loaded Weight and Average Empty Weight of Trucks and Truck Combinations

Vehicle type	Number of vehicles counted	Percentage loaded	Estimated number loaded	Average loaded weight	Percentage empty	Estimated number empty	Average empty weight
Single-unit trucks							
Panels and pick-ups	245	40.59	99	4815	59.41	146	3922
Other 2-axle, 4-tired	33	50.00	16	5820	50.00	17	5150
Other 2-axle, 6-tired	251	58.28	146	13666	41.72	105	7886
3-axle	1	0.00			100.00	1	16100
Subtotal	530	49.25	261	9828	50.75	269	5592
Tr-Tk semi-trailers							
3-axle	20	61.54	12	29425	38.46	8	17960
4-axle	9	66.67	6	45717	33.33	3	26233
5-axle or more	8	87.50	7	50657	12.50	1	27800
Subtotal	37	67.57	25	39280	32.43	12	20848
Tk-Trailer combinations							
4-axle or less	2	100.00	2	36500	0.00		
5-axle	7	71.43	5	73520	28.57	2	31650
6-axle or more							
Subtotal	9	77.78	7	62943	22.22	2	31650
All combinations	46	69.57	32	44456	30.43	14	22391
All trucks and combs.	576	50.87	293	13610	49.13	283	6423

WC-4

Glasgow

State Montana Sta. No. 6
Year 1950-51 Direction Combined
Season Summary 8-hr. period 2PM-10PM
3 Seasons

Number of Vehicles Counted, Percentage and Number Loaded, Percentage and Number Empty, Average Loaded Weight and Average Empty Weight of Trucks and Truck Combinations

Vehicle type	Number of vehicles counted	Percentage loaded	Estimated number loaded	Average loaded weight	Percentage empty	Estimated number empty	Average empty weight
Single-unit trucks							
Panels and pick-ups	225	36.36	82	5483	63.64	143	4005
Other 2-axle, 4-tired	9	60.00	6	6500	40.00	3	5250
Other 2-axle, 6-tired	181	49.60	90	14913	50.40	91	8252
3-axle	6	66.67	4	25900	33.33	2	19300
Subtotal	421	43.23	182	10628	56.77	239	5766
Tr-Tk semi-trailers							
3-axle	15	73.33	11	26618	26.67	4	17950
4-axle	11	50.00	6	48333	50.00	5	26733
5-axle or more	6	83.33	5	61020	16.67	1	33000
Subtotal	32	68.75	22	40359	31.25	10	23847
Tk-Trailer combinations							
4-axle or less	7	75.00	5	12667	25.00	2	10700
5-axle	2	0.00			100.00	2	33200
6-axle or more							
Subtotal	9	55.56	5	12667	44.44	4	21950
All combinations	41	65.85	27	35231	34.15	14	23305
All trucks and combs.	462	45.24	209	13806	54.76	253	6736

WC-4

State ~~Montana~~ Glasgow Sta. No. ~~6~~
Year ~~1950-51~~ Direction ~~Combined~~
Season ~~Summary~~ 3 Seasons 8-hr. period ~~6AM-10PM~~ 16 Hours

Number of Vehicles Counted, Percentage and Number Loaded, Percentage and Number Empty, Average Loaded Weight and Average Empty Weight of Trucks and Truck Combinations

Vehicle type	Number of vehicles counted	Percentage loaded	Estimated number loaded	Average loaded weight	Percentage empty	Estimated number empty	Average empty weight
Single-unit trucks							
Panels and pick-ups	470	38.92	183	5062	61.08	287	3956
Other 2-axle, 4-tired	42	52.00	22	5977	48.00	20	5167
Other 2-axle, 6-tired	432	54.35	235	14181	45.65	197	8069
3-axle	7	50.00	3	25900	50.00	4	17700
Subtotal	951	46.58	443	10086	53.42	508	5707
Tr-Tk semi-trailers							
3-axle	35	67.86	24	27800	32.14	11	17956
4-axle	20	60.00	12	46589	40.00	8	26483
5-axle or more	14	85.71	12	54975	14.29	2	30400
Subtotal	69	69.57	48	39291	30.43	21	22390
Tk-Trailer combinations							
4-axle or less	9	83.33	7	22200	16.67	2	10700
5-axle	9	55.56	5	73520	44.44	4	32425
6-axle or more							
Subtotal	18	66.67	12	43583	33.33	6	25183
All combinations	87	68.97	60	40149	31.03	27	23011
All trucks and combs.	1038	48.46	503	13672	51.54	535	6580

WC-4

Great Falls

State Montana Sta. No. 7
Year 1950-51 Direction Combined
Season Summary 8-hr. period 6AM-2PM
3 Seasons

Number of Vehicles Counted, Percentage and Number Loaded, Percentage and Number Empty, Average Loaded Weight and Average Empty Weight of Trucks and Truck Combinations

Vehicle type	Number of vehicles counted	Percentage loaded	Estimated number loaded	Average loaded weight	Percentage empty	Estimated number empty	Average empty weight
Single-unit trucks							
Panels and pick-ups	306	36.64	112	4831	63.36	194	4111
Other 2-axle, 4-tired	10	100.00	10	6233	0.00		
Other 2-axle, 6-tired	363	50.19	182	17252	49.81	181	8733
3-axle	88	58.93	52	34364	41.07	36	11765
Subtotal	767	46.41	356	15534	53.59	411	6817
Tr-Tk semi-trailers							
3-axle	23	73.91	17	30576	26.09	6	14650
4-axle	10	50.00	5	53975	50.00	5	24500
5-axle or more	22	63.64	14	48864	36.36	8	30588
Subtotal	55	65.45	36	40938	34.55	19	23953
Tk-Trailer combinations							
4-axle or less	19	47.37	9	60889	52.63	10	22740
5-axle	22	66.67	15	73867	33.33	7	30533
6-axle or more	10	71.43	7	59760	28.57	3	34200
Subtotal	51	60.78	31	66914	39.22	20	27187
All combinations	106	63.21	67	52957	36.79	39	25611
All trucks and combs.	873	48.45	423	21461	51.55	450	8446

WC-4

Great Falls

State Montana Sta. No. 7
Year 1950-51 Direction Combined
Season Summary 8-hr. period 2PM-10PM
3 Seasons

Number of Vehicles Counted, Percentage and Number Loaded, Percentage and Number Empty, Average Loaded Weight and Average Empty Weight of Trucks and Truck Combinations

Vehicle type	Number of vehicles counted	Percentage loaded	Estimated number loaded	Average loaded weight	Percentage empty	Estimated number empty	Average empty weight
Single-unit trucks							
Panels and pick-ups	326	37.50	122	5270	62.50	204	4011
Other 2-axle, 4-tired	13	33.33	4	8375	66.67	9	4988
Other 2-axle, 6-tired	316	55.22	174	15414	44.78	142	8538
3-axle	36	66.67	24	32900	33.33	12	12473
Subtotal	691	46.89	324	12803	53.11	367	6063
Tr-Tk semi-trailers							
3-axle	24	52.38	13	32718	47.62	11	16290
4-axle	17	52.94	9	41311	47.06	8	22550
5-axle or more	16	37.50	6	42933	62.50	10	30300
Subtotal	57	49.12	28	37669	50.88	29	22848
Tk-Trailer combinations							
4-axle or less	17	71.43	12	58230	28.57	5	24400
5-axle	25	28.00	7	71614	72.00	18	31094
6-axle or more	6	20.00	1	63100	80.00	5	34050
Subtotal	48	41.67	20	63158	58.33	28	30427
All combinations	105	45.71	48	48289	54.29	57	26571
All trucks and combs.	796	46.73	372	17382	53.27	424	8820

WC-4

Great Falls

State Montana Sta. No. 7
Year 1950-51 Direction Combined
Season Summary 8-hr. period 10PM-6AM
3 Seasons

Number of Vehicles Counted, Percentage and Number Loaded, Percentage and Number Empty, Average Loaded Weight and Average Empty Weight of Trucks and Truck Combinations

Vehicle type	Number of vehicles counted	Percentage loaded	Estimated number loaded	Average loaded weight	Percentage empty	Estimated number empty	Average empty weight
Single-unit trucks							
Panels and pick-ups	38	50.00	19	4371	50.00	19	4000
Other 2-axle, 4-tired							
Other 2-axle, 6-tired	25	41.67	10	11110	58.33	15	7879
3-axle	3	66.67	2	41950	33.33	1	7800
Subtotal	66	46.97	31	8969	53.03	35	5771
Tr-Tk semi-trailers							
3-axle	4	25.00	1	40700	75.00	3	17000
4-axle	6	100.00	6	51733	0.00		
5-axle or more	10	70.00	7	52371	30.00	3	30633
Subtotal	20	70.00	14	51264	30.00	6	23817
Tk-Trailer combinations							
4-axle or less	5	60.00	3	63633	40.00	2	23350
5-axle	25	87.50	22	71590	12.50	3	30667
6-axle or more	5	80.00	4	57575	20.00	1	30900
Subtotal	35	82.86	29	68834	17.14	6	28267
All combinations	55	78.18	43	63114	21.82	12	26042
All trucks and combs.	121	61.16	74	40431	38.84	47	10946

WC-4

Great Falls

State Montana Sta. No. 7
Year 1950-51 Direction Combined
Season Summary 8-hr. period 6AM-6AM
3 Seasons 24 hours

Number of Vehicles Counted, Percentage and Number Loaded, Percentage and Number Empty, Average Loaded Weight and Average Empty Weight of Trucks and Truck Combinations

Vehicle type	Number of vehicles counted	Percentage loaded	Estimated number loaded	Average loaded weight	Percentage empty	Estimated number empty	Average empty weight
Single-unit trucks							
Panels and pick-ups	670	37.70	253	5038	62.30	417	4053
Other 2-axle, 4-tired	23	55.56	13	7090	44.44	10	4988
Other 2-axle, 6-tired	704	52.25	368	16102	47.75	336	8600
3-axle	127	61.96	79	34065	38.04	48	11874
Subtotal	1524	46.78	713	14002	53.22	811	6411
Tr-Tk semi-trailers							
3-axle	51	60.42	31	31738	39.58	20	15884
4-axle	33	61.29	20	47268	38.71	13	23200
5-axle or more	48	56.25	27	48456	43.75	21	30457
Subtotal	132	59.09	78	41507	40.91	54	23313
Tk-Trailer combinations							
4-axle or less	41	57.89	24	60055	42.11	17	23231
5-axle	72	59.70	43	72278	40.30	29	30922
6-axle or more	21	58.82	12	59220	41.18	9	33643
Subtotal	134	58.96	79	66581	41.04	55	28990
All combinations	266	59.02	157	54124	40.98	109	26177
All trucks and combs.	1790	48.60	870	21242	51.40	920	8753

WC-4

Shelby
State Montana Sta. No. 8
Year 1950-51 Direction Combined
Season Summary 8-hr. period 6AM-2PM
3 Seasons

Number of Vehicles Counted, Percentage and Number Loaded, Percentage and Number Empty, Average Loaded Weight and Average Empty Weight of Trucks and Truck Combinations

Vehicle type	Number of vehicles counted	Percentage loaded	Estimated number loaded	Average loaded weight	Percentage empty	Estimated number empty	Average empty weight
Single-unit trucks							
Panels and pick-ups	190	30.23	57	5869	69.77	133	4577
Other 2-axle, 4-tired	2	0.00			100.00	2	4350
Other 2-axle, 6-tired	147	61.11	90	16230	38.89	57	8495
3-axle	10	71.43	7	28320	28.57	3	16250
Subtotal	349	44.13	154	12945	55.87	195	5900
Tr-Tk semi-trailers							
3-axle	15	64.29	10	34333	35.71	5	18420
4-axle	8	83.33	7	41340	16.67	1	28400
5-axle or more	12	87.50	11	52943	12.50	1	31000
Subtotal	35	80.00	28	43396	20.00	7	21643
Tk-Trailer combinations							
4-axle or less	6	66.67	4	41200	33.33	2	24100
5-axle	8	57.14	5	70625	42.86	3	31433
6-axle or more	4	75.00	3	54700	25.00	1	31800
Subtotal	18	66.67	12	56835	33.33	6	29050
All combinations	53	75.47	40	47428	24.53	13	25062
All trucks and combs.	402	48.26	194	20055	51.74	208	7097

WC-4

Shelby
State Montana Sta. No. 8
Year 1950-51 Direction Combined
Season Summary 8-hr. period 2PM-10PM
3 Seasons

Number of Vehicles Counted, Percentage and Number Loaded, Percentage and Number Empty, Average Loaded Weight and Average Empty Weight of Trucks and Truck Combinations

Vehicle type	Number of vehicles counted	Percentage loaded	Estimated number loaded	Average loaded weight	Percentage empty	Estimated number empty	Average empty weight
Single-unit trucks							
Panels and pick-ups	160	31.25	50	5480	68.75	110	4673
Other 2-axle, 4-tired	2	50.00	1	9200	50.00	1	5400
Other 2-axle, 6-tired	158	52.78	83	15351	47.22	75	9284
3-axle	8	50.00	4	34400	50.00	4	15050
Subtotal	328	42.07	138	12282	57.93	190	6715
Tr-Tk semi-trailers							
3-axle	24	61.11	15	31536	38.89	9	18271
4-axle	17	47.06	8	47588	52.94	9	23433
5-axle or more	12	40.00	5	71000	60.00	7	33100
Subtotal	53	52.83	28	43169	47.17	25	24281
Tk-Trailer combinations							
4-axle or less	11	12.50	1	62500	87.50	10	19943
5-axle	35	41.94	15	73408	58.06	20	31306
6-axle or more	1	0.00			100.00	1	31700
Subtotal	47	34.04	16	72726	65.96	31	27653
All combinations	100	44.00	44	53917	56.00	56	26148
All trucks and combs.	428	42.52	182	22348	57.48	246	11139

WC-4

State Montana Sta. No. Shelby 8
Year 1950-51 Direction Combined
Season Summary 8-hr. period 6AM-10PM
3 Seasons 16 hours

Number of Vehicles Counted, Percentage and Number Loaded, Percentage and Number Empty, Average Loaded Weight and Average Empty Weight of Trucks and Truck Combinations

Vehicle type	Number of vehicles counted	Percentage loaded	Estimated number loaded	Average loaded weight	Percentage empty	Estimated number empty	Average empty weight
Single-unit trucks							
Panels and pick-ups	350	30.77	108	5661	69.23	242	4627
Other 2-axle, 4-tired	4	25.00	1	9200	75.00	3	4700
Other 2-axle, 6-tired	305	56.94	174	15823	43.06	131	8928
3-axle	18	63.64	11	30057	36.36	7	15650
Subtotal	677	43.43	294	12600	56.57	383	6300
Tr-Tk semi-trailers							
3-axle	39	62.50	24	32795	37.50	15	18333
4-axle	25	56.52	14	45185	43.48	11	23930
5-axle or more	24	69.23	17	56956	30.77	7	32575
Subtotal	88	62.50	55	43417	37.50	33	23220
Tk-Trailer combinations							
4-axle or less	17	27.27	5	48300	72.73	12	20463
5-axle	43	44.74	19	72753	55.26	24	31324
6-axle or more	5	60.00	3	54700	40.00	2	31750
Subtotal	65	41.54	27	66219	58.46	38	27917
All combinations	153	53.59	82	50925	46.41	71	25734
All trucks and combs.	830	45.30	376	20958	54.70	454	9339

WC-4

State Montana Sta. No. Shelby 8
Year 1950-51 Direction Combined
Season Summary 8-hr. period 6AM-10PM
3 Seasons 16 hours

Number of Vehicles Counted, Percentage and Number Loaded, Percentage and Number Empty, Average Loaded Weight and Average Empty Weight of Trucks and Truck Combinations

Vehicle type	Number of vehicles counted	Percentage loaded	Estimated number loaded	Average loaded weight	Percentage empty	Estimated number empty	Average empty weight
Single-unit trucks							
Panels and pick-ups	350	30.77	108	5661	69.23	242	4627
Other 2-axle, 4-tired	4	25.00	1	9200	75.00	3	4700
Other 2-axle, 6-tired	305	56.94	174	15823	43.06	131	8928
3-axle	18	63.64	11	30057	36.36	7	15650
Subtotal	677	43.43	294	12600	56.57	383	6300
Tr-Tk semi-trailers							
3-axle	39	62.50	24	32795	37.50	15	18333
4-axle	25	56.52	14	45185	43.48	11	23930
5-axle or more	24	69.23	17	56956	30.77	7	32575
Subtotal	88	62.50	55	43417	37.50	33	23220
Tk-Trailer combinations							
4-axle or less	17	27.27	5	48300	72.73	12	20463
5-axle	43	44.74	19	72753	55.26	24	31324
6-axle or more	5	60.00	3	54700	40.00	2	31750
Subtotal	65	41.54	27	66219	58.46	38	27917
All combinations	153	53.59	82	50925	46.41	71	25734
All trucks and combs.	830	45.30	376	20958	54.70	454	9339

WC-4

Kalispell

State Montana Sta. No. 9
Year 1950-51 Direction Combined
Season Summary 8-hr. period 6AM-2PM
3 Seasons

Number of Vehicles Counted, Percentage and Number Loaded, Percentage and Number Empty, Average Loaded Weight and Average Empty Weight of Trucks and Truck Combinations

Vehicle type	Number of vehicles counted	Percentage loaded	Estimated number loaded	Average loaded weight	Percentage empty	Estimated number empty	Average empty weight
Single-unit trucks							
Panels and pick-ups	400	34.13	137	5237	65.87	263	4077
Other 2-axle, 4-tired	27	53.85	15	7686	46.15	12	5867
Other 2-axle, 6-tired	305	62.11	189	13909	37.89	116	8021
3-axle	39	61.54	24	22656	38.46	15	12370
Subtotal	771	47.34	365	10973	52.66	406	5563
Tr-Tk semi-trailers							
3-axle	5	60.00	3	33500	40.00	2	13450
4-axle	5	100.00	5	56860	0.00		
5-axle or more	11	36.36	4	43750	63.64	7	28586
Subtotal	21	57.14	12	46650	42.86	9	25222
Tk-Trailer combinations							
4-axle or less	6	66.67	4	28050	33.33	2	15600
5-axle	14	69.23	10	74833	30.77	4	31900
6-axle or more	5	40.00	2	64700	60.00	3	34300
Subtotal	25	64.00	16	61871	36.00	9	29078
All combinations	46	60.87	28	55348	39.13	18	27150
All trucks and combs.	817	48.10	393	14135	51.90	424	6479

WC-4

Kalispell

State Montana Sta. No. 9
Year 1950-51 Direction Combined
Season Summary 8-hr. period 2PM-10PM
3 Seasons

Number of Vehicles Counted, Percentage and Number Loaded, Percentage and Number Empty, Average Loaded Weight and Average Empty Weight of Trucks and Truck Combinations

Vehicle type	Number of vehicles counted	Percentage loaded	Estimated number loaded	Average loaded weight	Percentage empty	Estimated number empty	Average empty weight
Single-unit trucks							
Panels and pick-ups	343	32.08	110	5071	67.92	233	3963
Other 2-axle, 4-tired	14	45.45	6	8660	54.55	8	5767
Other 2-axle, 6-tired	217	50.00	109	13112	50.00	108	7818
3-axle	23	52.63	12	25270	47.37	11	15889
Subtotal	597	39.70	237	9883	60.30	360	5524
Tr-Tk semi-trailers							
3-axle	8	62.50	5	30420	37.50	3	14300
4-axle	10	88.89	9	46313	11.11	1	19900
5-axle or more	12	66.67	8	66100	33.33	4	32250
Subtotal	30	73.33	22	49896	26.67	8	23975
Tk-Trailer combinations							
4-axle or less							
5-axle	4	0.00			100.00	4	31625
6-axle or more	2	0.00			100.00	2	31650
Subtotal	6	0.00			100.00	6	31633
All combinations	36	61.11	22	49896	38.89	14	27257
All trucks and combs.	633	40.92	259	13282	59.08	374	6338

WC-4

Kalispell

State ~~Montana~~ Sta. No. ~~9~~
Year ~~1950-51~~ Direction ~~Combined~~
Season ~~Summary~~ 8-hr. period ~~6AM-10PM~~
3 Seasons 16 hours

Number of Vehicles Counted, Percentage and Number Loaded, Percentage and Number Empty, Average Loaded Weight and Average Empty Weight of Trucks and Truck Combinations

Vehicle type	Number of vehicles counted	Percentage loaded	Estimated number loaded	Average loaded weight	Percentage empty	Estimated number empty	Average empty weight
Single-unit trucks							
Panels and pick-ups	743	32.98	245	5147	67.02	498	4013
Other 2-axle, 4-tired	41	50.00	20	8092	50.00	21	5817
Other 2-axle, 6-tired	522	56.38	294	13574	43.62	228	7911
3-axle	62	57.78	36	23662	42.22	26	14037
Subtotal	1368	43.49	595	10530	56.51	773	5549
Tr-Tk semi-trailers							
3-axle	13	61.54	8	31575	38.46	5	13960
4-axle	15	92.86	14	50369	7.14	1	19900
5-axle or more	23	52.17	12	58650	47.83	11	29918
Subtotal	51	66.67	34	48870	33.33	17	24635
Tk-Trailer combinations							
4-axle or less	6	66.67	4	28050	33.33	2	15600
5-axle	18	52.94	10	74833	47.06	8	31763
6-axle or more	7	28.57	2	64700	71.43	5	33240
Subtotal	31	51.61	16	61871	48.39	15	30100
All combinations	82	60.98	50	53030	39.02	32	27197
All trucks and combs.	1450	44.48	645	13825	55.52	805	6409

WC-4

State Montana Sta. No. Missoula 10
Year 1950-51 Direction Combined
Season Summary 8-hr. period 6AM-2PM
3 Seasons

Number of Vehicles Counted, Percentage and Number Loaded, Percentage and Number Empty, Average Loaded Weight and Average Empty Weight of Trucks and Truck Combinations

Vehicle type	Number of vehicles counted	Percentage loaded	Estimated number loaded	Average loaded weight	Percentage empty	Estimated number empty	Average empty weight
Single-unit trucks							
Panels and pick-ups	254	44.44	113	5317	55.56	141	4293
Other 2-axle, 4-tired	6	60.00	4	9333	40.00	2	4800
Other 2-axle, 6-tired	285	73.30	209	15157	26.70	76	8469
3-axle	32	79.17	25	32053	20.83	7	12080
Subtotal	577	60.83	351	13126	39.17	226	5943
Tr-Tk semi-trailers							
3-axle	47	73.17	34	28840	26.83	13	17127
4-axle	23	68.18	16	49893	31.82	7	21214
5-axle or more	23	87.50	20	60021	12.50	3	30250
Subtotal	93	75.27	70	42561	24.73	23	20083
Tk-Trailer combinations							
4-axle or less	3	66.67	2	59300	33.33	1	9000
5-axle	22	61.90	14	71369	38.10	8	27450
6-axle or more	26	100.00	26	64441	0.00		
Subtotal	51	82.35	42	66506	17.65	9	25400
All combinations	144	77.78	112	51540	22.22	32	21578
All trucks and combs.	721	64.22	463	22418	35.78	258	7882

WC-4

Missoula

State Montana Sta. No. 10
Year 1950-51 Direction Combined
Season Summary 8-hr. period 2PM-10PM
3 Seasons

Number of Vehicles Counted, Percentage and Number Loaded, Percentage and Number Empty, Average Loaded Weight and Average Empty Weight of Trucks and Truck Combinations

Vehicle type	Number of vehicles counted	Percentage loaded	Estimated number loaded	Average loaded weight	Percentage empty	Estimated number empty	Average empty weight
Single-unit trucks							
Panels and pick-ups	251	58.18	146	5697	41.82	105	4117
Other 2-axle, 4-tired	16	50.00	8	6640	50.00	8	5400
Other 2-axle, 6-tired	219	62.71	137	14194	37.29	82	8071
3-axle	32	64.00	20	33750	36.00	12	11400
Subtotal	518	60.04	311	11268	39.96	207	6155
Tr-Tk semi-trailers							
3-axle	36	56.25	20	30489	43.75	16	16543
4-axle	25	65.00	16	53531	35.00	9	19700
5-axle or more	26	57.89	15	59209	42.11	11	31350
Subtotal	87	58.62	51	46165	41.38	36	21857
Tk-Trailer combinations							
4-axle or less	7	100.00	7	35500	0.00		
5-axle	5	75.00	4	62967	25.00	1	30800
6-axle or more	37	85.29	32	63566	14.71	5	37000
Subtotal	49	87.76	43	58941	12.24	6	35967
All combinations	136	69.12	94	52009	30.88	42	23873
All trucks and combs.	654	61.93	405	20724	38.07	249	9144

WC-4

Missoula

State Montana Sta. No. 10
Year 1950-51 Direction Combined
Season Summary 8-hr. period 6AM-10PM
3 Seasons 16 hours

Number of Vehicles Counted, Percentage and Number Loaded, Percentage and Number Empty, Average Loaded Weight and Average Empty Weight of Trucks and Truck Combinations

Vehicle type	Number of vehicles counted	Percentage loaded	Estimated number loaded	Average loaded weight	Percentage empty	Estimated number empty	Average empty weight
Single-unit trucks							
Panels and pick-ups	505	53.66	271	5593	46.34	234	4187
Other 2-axle, 4-tired	22	53.33	12	7650	46.67	10	5229
Other 2-axle, 6-tired	504	68.21	344	14731	31.79	160	8244
3-axle	64	71.43	46	32829	28.57	18	11643
Subtotal	1095	61.46	673	12162	38.54	422	6068
Tr-Tk semi-trailers							
3-axle	83	65.75	55	29458	34.25	28	16800
4-axle	48	66.67	32	51582	33.33	16	20457
5-axle or more	49	71.43	35	59664	28.57	14	31130
Subtotal	180	67.78	122	43927	32.22	58	21268
Tk-Trailer combinations							
4-axle or less	10	85.71	9	43433	14.29	1	9000
5-axle	27	64.00	17	69794	36.00	10	27822
6-axle or more	63	91.07	57	63943	8.93	6	37000
Subtotal	100	83.00	83	62917	17.00	17	29954
All combinations	280	73.21	205	51616	26.79	75	23237
All trucks and combs.	1375	63.85	878	21374	36.15	497	8659

WC-4

Drummond

State Montana Sta. No. 11
Year 1950-51 Direction Combined
Season Summary 8-hr. period 6AM-2PM
3 Seasons

Number of Vehicles Counted, Percentage and Number Loaded, Percentage and Number Empty, Average Loaded Weight and Average Empty Weight of Trucks and Truck Combinations

Vehicle type	Number of vehicles counted	Percentage loaded	Estimated number loaded	Average loaded weight	Percentage empty	Estimated number empty	Average empty weight
Single-unit trucks							
Panels and pick-ups	149	52.17	78	5233	47.83	71	4036
Other 2-axle, 4-tired	3	100.00	3	6700	0.00		
Other 2-axle, 6-tired	141	68.00	96	13674	32.00	45	8569
3-axle	14	41.67	6	34520	58.33	8	17014
Subtotal	307	59.61	183	10645	40.39	124	6518
Tr-Tk semi-trailers							
3-axle	38	73.53	28	32572	26.47	10	16756
4-axle	29	78.57	23	48291	21.43	6	22483
5-axle or more	27	80.77	22	55586	19.23	5	30760
Subtotal	94	77.66	73	44460	22.34	21	21727
Tk-Trailer combinations							
4-axle or less	9	83.33	7	58560	16.67	2	8900
5-axle	23	52.17	12	73483	47.83	11	31191
6-axle or more	21	95.24	20	63860	4.76	1	31700
Subtotal	53	73.58	39	65870	26.42	14	28043
All combinations	147	76.19	112	51915	23.81	35	24253
All trucks and combs.	454	64.98	295	26314	35.02	159	10422

WC-4

Drummond

State Montana Sta. No. 11
Year 1950-51 Direction Combined
Season Summary 8-hr. period 2PM-10PM
3 Seasons

Number of Vehicles Counted, Percentage and Number Loaded, Percentage and Number Empty, Average Loaded Weight and Average Empty Weight of Trucks and Truck Combinations

Vehicle type	Number of vehicles counted	Percentage loaded	Estimated number loaded	Average loaded weight	Percentage empty	Estimated number empty	Average empty weight
Single-unit trucks							
Panels and pick-ups	243	55.88	136	4842	44.12	107	4033
Other 2-axle, 4-tired	4	0.00			100.00	4	6500
Other 2-axle, 6-tired	98	69.23	68	14736	30.77	30	8680
3-axle	14	81.82	11	27511	18.18	3	13200
Subtotal	359	59.89	215	9131	40.11	144	5261
Tr-Tk semi-trailers							
3-axle	25	80.00	20	29625	20.00	5	19900
4-axle	16	73.33	12	45191	26.67	4	19075
5-axle or more	15	73.33	11	55027	26.67	4	30650
Subtotal	56	76.79	43	40467	23.21	13	22954
Tk-Trailer combinations							
4-axle or less	5	40.00	2	46100	60.00	3	26433
5-axle	6	50.00	3	73300	50.00	3	30500
6-axle or more	20	90.00	18	64722	10.00	2	33450
Subtotal	31	74.19	23	64222	25.81	8	29712
All combinations	87	75.86	66	48745	24.14	21	25528
All trucks and combs.	446	63.00	281	18435	37.00	165	7840

WC-4

State Montana Sta. No. Drummond 11
Year 1950-51 Direction Combined
Season Summary 8-hr. period 6AM-10PM
3 Seasons 16 hours

Number of Vehicles Counted, Percentage and Number Loaded, Percentage and Number Empty, Average Loaded Weight and Average Empty Weight of Trucks and Truck Combinations

Vehicle type	Number of vehicles counted	Percentage loaded	Estimated number loaded	Average loaded weight	Percentage empty	Estimated number empty	Average empty weight
Single-unit trucks							
Panels and pick-ups	392	54.39	213	4994	45.61	179	4035
Other 2-axle, 4-tired	7	66.67	5	6700	33.33	2	6500
Other 2-axle, 6-tired	239	68.48	164	14096	31.52	75	8612
3-axle	28	60.87	17	30014	39.13	11	16167
Subtotal	666	59.91	399	9823	40.09	267	5839
Tr-Tk semi-trailers							
3-axle	63	76.27	48	31262	23.73	15	17879
4-axle	45	76.74	35	47258	23.26	10	21120
5-axle or more	42	78.05	33	55394	21.95	9	30711
Subtotal	150	77.33	116	42954	22.67	34	22229
Tk-Trailer combinations							
4-axle or less	14	63.64	9	55000	36.36	5	22050
5-axle	29	51.72	15	73447	48.28	14	31043
6-axle or more	41	92.68	38	64268	7.32	3	32867
Subtotal	84	73.81	62	65143	26.19	22	29248
All combinations	234	76.07	178	50683	23.93	56	24986
All trucks and combs.	900	64.11	577	22428	35.89	323	9159

WC-4

State Montana Sta. No. All Stations
Year 1950-51 Direction Combined
Season Summary 8-hr. period All Hours
3 Seasons Of Operation

Number of Vehicles Counted, Percentage and Number Loaded, Percentage and Number Empty, Average Loaded Weight and Average Empty Weight of Trucks and Truck Combinations

Vehicle type	Number of vehicles counted	Percentage loaded	Estimated number loaded	Average loaded weight	Percentage empty	Estimated number empty	Average empty weight
Single-unit trucks							
Panels and pick-ups	5653	40.98	2317	5172	59.02	3336	4084
Other 2-axle, 4-tired	394	53.37	210	7048	46.63	184	5422
Other 2-axle, 6-tired	4840	59.93	2901	14465	40.07	1939	8231
3-axle	400	62.88	251	30435	37.12	149	13879
Subtotal	11287	50.31	5679	11105	49.69	5608	5822
Tr-Tk semi-trailers							
3-axle	573	63.87	366	30646	36.13	207	17029
4-axle	413	65.96	272	46433	34.04	141	23365
5-axle or more	466	68.98	321	55438	31.02	145	31920
Subtotal	1452	66.05	959	43422	33.95	493	23221
Tk-Trailer combinations							
4-axle or less	234	55.38	130	47619	44.62	104	23043
5-axle	342	50.17	172	72338	49.83	170	30894
6-axle or more	232	81.45	189	61787	18.55	43	34573
Subtotal	808	60.77	491	61732	39.23	317	28817
All combinations	2260	64.16	1450	49622	35.84	810	25411
All trucks and combs.	13547	52.62	7129	18939	47.38	6418	8294

13547	52.62	7127	18939	47.38	6718
2260	64.16	1450	49622	35.84	810
808	60.77	491	61732	39.23	317
232	81.45	189	61787	18.55	43

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